

Safety Data Sheet

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Revision Date: 08.09.2022 Version 2

TEKKİM

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Catalog No. TK.201799.00000
Product Name Zinc Acetate
Cas no 5970-45-6

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Pharmaceutical production. Cosmetic raw material. Industrial use.

1.2.2. Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Name TEKKİM KİMYA SAN. TİC. LTD. ŞTİ.
Street ORGANİZE SAN. BÖL. MAVİ CAD. 8. SOK. NO :1 NİLÜFER / BURSA
Telephone 0224 243 21 71
E-mail erhan@tekkim.com.tr
Company Representative Erhan DİLER

1.4 Emergency Telephone Number +90 506 990 36 86

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Acute toxicity, Category 4, Oral
Serious eye damage, Category 1
Chronic aquatic toxicity, Category 2

For the full text of the H and EUH statements referred to in this section, see section 16.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Hazard pictograms



Signal word (SEA)

DANGER

Hazard Statements (SEA)

H302 Harmful if swallowed.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements (SEA)

Prevention

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.


Intervention

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if fitted and easy to do. Continue rinsing.
P313 Get medical advice/see your doctor.

SECTION 3: Composition/information on ingredients

Classification according to Regulation (EC) No. 1272/2008 (CLP)



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3.1 Maddeler

EC No	209-170-2
Molar mass	219.49 g/mol
Cas No	5970-45-6
Concentration	(<= 100 %)

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Following inhalation	Provide fresh air..
Following skin contact	Wash with plenty of water. Take off contaminated clothing.
Following eye contact	In case of contact with eyes, rinse immediately with plenty of water and consult an ophthalmologist.
Following ingestion	Give up to two glasses of water. Get medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures appropriate to the environment.

Unsuitable extinguishing media

There is no restriction for this item.

5.2 Special hazards arising from the substance or mixture

It is not flammable. All-round fire can release dangerous vapours.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus..

5.4 Additional information

Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Don't breathe vapours, aerosols. Avoid substance contact. Keep away from head and source of ignition. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert..

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Close drainage channels. Take up with liquid-absorbent material. Clean the affected area. Avoid generation of dust..

6.4 Reference to other sections

Disposal: see section 13.

6.5 Additional information

Clear spills immediately.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling



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Advices on safe handling

Observe label precautions.

Advices on general occupational hygiene

Change contaminated clothing. Wash hands after working with substance. It is recommended to use a skin protection cream.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed in dry and well-ventilated places.

7.3 Specific end uses

There are no other specific uses other than those mentioned in section 1.2.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

More attention should be paid to technical measures against the use of personal protective equipment.

Personal protection equipment

Eye/face protection

Fully fitting safety glasses

Hand protection

Hand protection

Full contact

Glove material : Nitrile rubber

Glove thickness : 0,11 mm

Break through time : >480 minute

Splash contact

Glove material : Nitrile rubber

Glove thickness : 0,11 mm

Break through time : >480 minute

The protective gloves to be used must comply with the specifications of directive 89/686/EEC and the related standard EN374.

Other skin protection

Protective clothing.

Respiratory protection

Required when dusts occur.

Recommended filter type : Filter P 2 for solid and liquid particles of harmful elements (according to DIN 3181).

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties



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Physical state	Solid
Colour	White
Odour	No information.
Odour threshold	No information.
pH value	4,5 - 7,0 50 g/l 20 °C
Melting point/freezing point	237 °C
Freezing point	No information.
Initial boiling point and boiling range	No information.
Flash point	Not applicable.
Evaporation rate	No information.
Flammability (solid, gas)	No information.
Upper/lower flammability or explosive limits	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	No information.
Vapour density	No information.
Density	1,74 g/cm ³
Relative density	No information.
Water solubility (g/l)	430 g/l 20 °C
Fat solubility (g/l)	No information.
Partition coefficient: n-octanol/water	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.

Viscosity

Kinematic viscosity	No information.
Dynamic viscosity	No information.
Explosive properties	Not classified as explosive.
Oxidising properties	No information.

SECTION 10: Stability and Reactivity

10.1 Reactivity

Section 10.3 to see.

10.2 Chemical stability

When heated, the water of crystallization is released.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Powerful heating.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity
LD50 Rat: 663.8 mg/kg
OECD Test Guideline 423

Eye irritation
In vitro study
Result: Irreversible effects on the eyes
OECD Test Guideline 437

11.2 Additional information



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After absorption:

Systemic effects: Diarrhoea, vomiting, cardiovascular disorders.

Handle in accordance with safety and hygiene rules.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish

static test LC50 Pimephales promelas (Carp juvenile): 2.46 mg/l; 96 h

OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates

semi-static test Daphnia magna (Water flea): 3.72 mg/l; 48 hours

OECD Test Guideline 202

Toxicity to algae (algae)

static test EC50 algae: 2.1 mg/l; 72 hours

OECD Test Guideline 201

12.2 Persistence and degradability

Biodegradation

99%; 28 g; oxygenated (aerobic)

OECD Test Guideline 301 A

It is easily biodegradable by itself.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Substance does not meet the criteria for PBT or vPvB.

12.6 Other adverse effects

Discharge into environment must be avoided.

SECTION 13: Disposal considerations

Waste treatment methods

It must be disposed of in accordance with national and local regulations. Do not mix with other products. Uncleaned Treat packages as if it were the product itself ... Waste materials must be disposed of in accordance with national and local regulations.

SECTION 14: Transport information

ADR	IMDG	IATA	ADN	RID
14.1 UN number				
UN 3077	UN 3077	UN 3077	UN 3077	UN 3077
14.2 UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Contains: Zinc Acetate), MARINE POLLUTANT,	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Contains: Zinc Acetate), MARINE POLLUTANT,	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Contains: Zinc Acetate), MARINE POLLUTANT,	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Contains: Zinc Acetate), MARINE POLLUTANT,	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Contains: Zinc Acetate), MARINE POLLUTANT,
14.3 Transport hazard class(es)				
9	9	9	9	9



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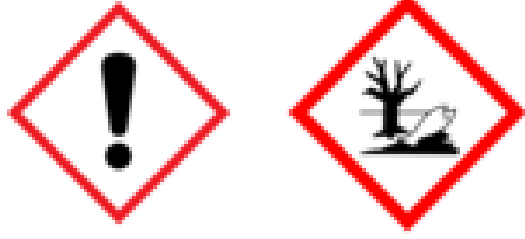
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14.4 Packing group

III

III

III

III

III

14.5 Environmental hazards

YES

YES

YES

YES

YES

Packages less than 5 kg/l or equivalent, non-hazardous goods of Class 9

Packages less than 5 kg/l or equivalent, non-hazardous goods of Class 9

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Packages less than 5 kg/l or equivalent, non-hazardous goods of Class 9

Packages less than 5 kg/l or equivalent, non-hazardous goods of Class 9

14.6 Special Precautions for User:

Packages less than 5 kg/l or equivalent, non-hazardous goods of Class 9

SECTION 15: Regulatory information

15.1 Safety, health and environmental legislation specific for the substance or mixture

This product safety data sheet complies with the requirements of EU Regulation 1907/2006.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been conducted for this substance.

SECTION 16: Other informations

Full text of H statements

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

Person Who Prepared the Safety Data Sheet:

Name:

Certificate Number and Date:

Communication information:

Erhan DİLER

11.29.03 & 11 Şubat 2020

05069903686



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